

ELASTIC ANCHORING CABLES (TMS)



SPECIFICATIONS

Material/Composition: Stainless steel 316 L eyelet, natural latex, and Polyester sheath

SWL: 455kg (1000lbs)

MBS: 3181kg (7000lbs)

Elasticity: ELASTIC ANCHOR ROPE 1m (3'): 2m stretch (6')
ELASTIC ANCHOR ROPE 2m (6'): 4m stretch (12')

Needed shackles: SHACKLE STAINLESS STEEL 316, 7/16", LOCK: [SKU # B0255](#)

[YOUTUBE](#)

SKU NUMBERS

ELASTIC ANCHOR ROPE 1m (3'): C06-000024

ELASTIC ANCHOR ROPE 2m (6'): C06-000025

IMPORTANT PRINCIPLES

The below principles and notions apply to Candock's ELASTIC ANCHORING CABLES (TMS). The addition of these cables on the anchor lines allows for the dock's optimal stability in every condition. Suppose the water levels are subjected to fluctuations (tidal or seasonal). In that case, our elastic cables' addition to the anchor lines allows for optimal tension in the lines at all water levels. Depending on the application, environment, and applied forces to the dock, a Candock representative will determine a precise configuration layout. The below guidelines demonstrate the basic principles and best practices when these TMS cables are included in your dock system. Also, see the below diagrams for explanations on the below principles.

FLUCTUATION AMPLITUDES: If expected water fluctuations are higher than 2m, we recommend using the 2m elastic cable. If fluctuations are lesser than 2m, we suggest using the 1m elastic cable.

TMS POSITION ON THE ANCHOR LINE: The TMS cables should always be included in the line's upper-mid section. It prevents potential damages to the cable from seabed debris while allowing the upper section to be adjusted onto the floating dock.

TMS INSTALLATION AND TENSION: The TMS final adjustments (tension in the anchor lines) should be performed at a low water level (low tide). It allows for optimal tension when water fluctuates. The exact tension in the cables is challenging to determine, so we highly recommend meticulous monitoring of the first fluctuation cycles.

INCREASED RESISTANCE TO STRETCHING: The TMS cables can also be paired or tripled on a given anchor line to provide more stretching resistance. Depending on the load applied and the amplitude of the fluctuations, a Candock representative must determine the proper configuration.

ONE PIECE CHAIN: The TMS cable should be installed on a single section anchor line. It implies that the chain between the 2 connecting points of the TMS on the chain must be as long as the maximal stretch of the chosen TMS cable length (2m for the 1m cable; 4m for the 2m cable).